

# RG6-5

## Five Conductor RG6 Super High Resolution Cable



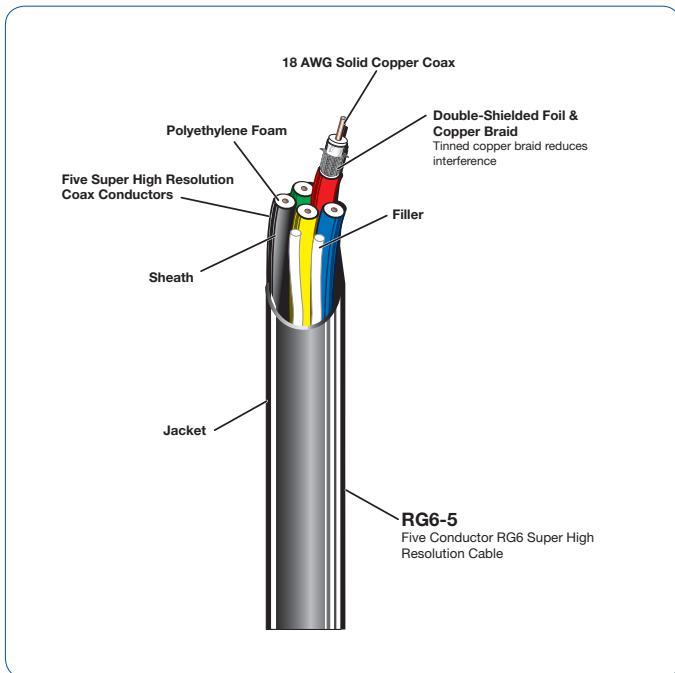
### FEATURES

- **Five 18 AWG, 75 ohm coaxial conductors** — This super high resolution cable includes five, 18 AWG, 75 ohm coaxial conductors double-shielded with foil and tinned copper serve to reduce interference.
- **Superior performance cable for demanding analog video and digital SDI/HDSDI applications** — This super high resolution cable offers the best available video performance, and transmits the highest-resolution signals with the lowest losses making it ideal for critical applications and longest cable runs, including high scan rate analog, and demanding digital SDI/HD-SDI applications.
- **NEC CM non-plenum rating** — Extron RG6-5 High Resolution cable is available with a NEC CM non-plenum SuperFlex jacket.
- **SuperFlex jacket with sequential numbering** — The RG6-5 Super High Resolution cable features the smooth SuperFlex jacket with sequential numbering that enables quick calculation of the cable used and remaining on the spool.
- **Spool of 500 feet (150 m)**

### DESCRIPTION

The Extron **RG6-5 Five Conductor RG6 Super High Resolution Cable** offers the best available video performance. RG6 Series cables are able to handle the highest-resolution signals with the lowest losses and are ideal for the most critical applications and longest cable runs, including high scan rate analog and demanding digital SDI/HD-SDI applications. Signal loss, seen as an image's loss of brightness and sharpness or data errors in digital systems, can be experienced when cable runs travel over long distances. Signals that run at higher frequencies are especially vulnerable to signal loss over long distance cable runs. The RG6-5 Cable is perfect for lengthy cable runs because it carries ultra high resolution workstation graphics as well as low resolution video with minimal signal loss ensuring the best transmission of video signals.

RG6-5 Cable is available in a non-plenum version with five conductors for signal distribution of composite video up to RGBHV. Each conductor is an 18 AWG, 75 ohm, color-coded coaxial conductor.



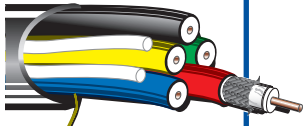
Extron Model	Belden®*	West Penn*
RG6-5	7712A	WP6355

\* The cross-reference cable models are similar to the Extron Models but are not guaranteed to be exactly identical. Belden and West Penn are divisions of Belden/CDT. Belden is a registered trademark of Belden/CDT.

MODEL	VERSION DESCRIPTION	PART #
RG6-5/500	500' (150 m) spool	22-100-02

Continued →

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Description Part No. (length) Model	UL NEC/ C(UL) CEC UL AWM Temp.	No. of Cond.	Standard Lengths		Shipping Weights		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials (% coverage) Nom. DCR	Nominal OD		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/ft	pF/m	MHz	dB/ 100 ft	dB/ 100 m
(5) 18 AWG Coax • Aluminum Foil (100%) + Tinned Copper Braid Shield																			
<b>Nonplenum Cable • Gas-injected Foamed Polyethylene Insulation • PVC Inner Jackets • Gray PVC Outer Jacket</b>																			
<b>22-100-02 (500')</b> <b>RG6-5</b>  min. bend radius 9.0"	NEC CM UL 1581 CSA FT-4 75 °C	5 coax	500	152.4	175	79.4	18 AWG (solid) 0.040" 1.02 mm, Solid Cu 6.6 ohms/ 1k ft 22 ohms/ 1 km	0.180	4.57	Bonded Alum. Foil and Tinned Cu Braid (95%) 2.4 ohms/ 1k ft, 7.9 ohms/ 1 km	Single: 0.253 6.43 red, green, blue, black, yellow  Overall: 0.792 20.12 gray	75	83%	16.2	53.1	1	-0.3	-0.8	
																5	-0.5	-1.8	
																10	-0.8	-2.5	
																20	-1.0	-3.3	
																50	-1.5	-5.0	
																71	-1.8	-5.8	
																100	-2.1	-6.8	
																135	-2.4	-7.8	
																180	-2.7	-9.0	
																200	-2.9	-9.5	
270	-3.4	-11.2																	
400	-4.6	-15.0																	
750	-6.5	-21.2																	
1000	-7.5	-24.6																	
3000	-16.9	-55.4																	

NOTE: Specifications are subject to change without notice.

RG6-5 Accessories

OPTIONAL ACCESSORIES	MODEL DESCRIPTION	PAGE	PART #
<b>Crimp Tools</b>			
CTU 300	Universal Crimp Tool .....	page 738	100-241-02
Hand Wire Stripper	Wire Stripper for 14 to 24 AWG Cables .....	page 739	100-242-01
RG6 Universal Crimp Termination Kit	Crimp Termination Kit with 100 RG6 BNC Male Connectors .....	page 739	100-267-02
<b>Crimp Connectors</b>			
BNC Male RG6 Crimp Connectors/50	75 Ohm BNC Male Crimp Connectors for RG6 Cable, Qty. 50 .....	page 741	100-260-01
<b>Compression Tools</b>			
CTU 100	Extron Universal Compression Tool .....	page 745	100-181-01
Compression Coax Prep Tool	Coaxial Cable Stripper for MHR, RG59, and RG6 Compression Connectors .....	page 746	100-183-01
Compression Coax Prep Tool Replacement Blades	Coaxial Cable Stripper for MHR, M59, RG59, and RG6 Compression Connectors .....	page 746	100-184-01
RG6 BNC Compression Kit	Compression Termination Kit with 100 RG6 BNC Male Connectors .....	page 746	60-538-02
<b>Compression Connectors</b>			
BNC Male RG6 Compression Connectors - Nickel/50	Nickel Plated BNC Male Compression Connectors for RG6 Cable, Qty. 50 .....	page 748	100-188-01
BNC Male RG6 Compression Connectors - Gold/50	Gold Plated BNC Male Compression Connectors for RG6 Cable, Qty. 50 .....	page 748	100-188-02

For Bulk Pins, Ferrules, Sleeves and Bodies, see page 743.